

Recombinant Full Length Human ALOX12 Protein

Cat. No. ALOX12-18HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human 12 Lipoxygenase (amino acids 1-663); Predicted MWt 99kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	663 amino acids
Description	Arachidonate 12-lipoxygenase, 12S-type is an enzyme that in humans is encoded by the ALOX12 gene.
Form	Liquid
Molecular Mass	99.000kDa inclusive of tags
AA Sequence	<p>MGRYRIRVAT GAWLFSGSYN RVQLWLVGTR GEAELELQLR PARGEEEEFD HDVAEDLGLL QFVRLRKHHW LVDDAWFCDR ITVQGPACCA EVAFPCYRWV QGEDILSLPE GTARLPGDNA LDMFQKHREK ELKDRQQIYC WATWKEGLPL TIAADRKDDL PPNMRFHEEK RLDFEWTLKA GALEMALKRV YTLSSWNCL EDFDQIFWGQ KSALAEKVRQ CWQDDELFSY QFLNGANPML LRRSTSLPSR LVLPSGMEEL RAQLEKELQN GSLFEADFIL LDGIPANVIR GEKQYLAAPL VMLKMEPNGK LQPMVIQIQP PNPSSPTPTL FLPSPPLAW LLAWSWVRNS DFQLHEIQYH LLNTHLVAEV IAVATMRCLP GLHPIFKFLI PHIRYTMIEIN TRARTQLISD GGIFDKAVST GGGGHVQLLR RAAQLTYCS LCPPDDLADR</p>

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GLLGLPGALY AHDALRLWEI IARYVEGIVH LFYQRDDIVK GPPELQAWCR
EITEVGLCQA QDRGFPVSFQ SQSQLCHFLT MCVFTCTAQH AAINQGQLDW
YAWVPNAPCT MRMPPTTKE DVTMATVMGS LPDVRQACLQ MAISWHLSTR
QPDMVPLGHH KEKYFSGPKP KAVLNQFRTD LEKLEKEITA RNEQLDWPYE
YLPKSCIENS VTI

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name [ALOX12 arachidonate 12-lipoxygenase \[Homo sapiens \]](#)

Official Symbol [ALOX12](#)

Synonyms ALOX12; arachidonate 12-lipoxygenase; arachidonate 12-lipoxygenase, 12S-type; 12S LOX; platelet 12 LOX

Gene ID [239](#)

mRNA Refseq [NM_000697](#)

Protein Refseq [NP_000688](#)

MIM [152391](#)

UniProt ID [P18054](#)

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